

McCormick asks for more female floors

Students respond to dining changes

By Margaret Cunniff
STAFF REPORTER

In response to the new mandatory dining policy in McCormick Hall, some residents are calling for the establishment of a satellite all-female community in a non-dining dorm. Representatives from McCormick have met with administrators to discuss possible solutions. Though many residents have concerns about the new dining plan, only a minority are hoping to move to a new single-sex community.

According to McCormick Dining Chair Sara Rose Comis '13, residents would prefer to have an option that allows rising juniors and seniors to opt out of the dining plan without leaving

McCormick. However, Comis said that the administration was not receptive to such a plan.

"We have been saying repeatedly that by moving McCormick residents to other dorms, we will be disrupting their culture," said Comis.

McCormick residents "felt like they were getting kicked out of their home," said Comis. Though similar frustrations have been voiced by members of other dining dorms who are dissatisfied with the dining plan, the situation in McCormick is complicated by the residence's status as the only single-sex dorm on campus.

At this point, there are some

Female housing, Page 11

Boston Properties renovates courtyard outside T-stop



LOGAN P. WILLIAMS—THE TECH

Adjacent to the MIT Coop, the courtyard by the Kendall Marriott is being renovated this winter by the owner of 3 Cambridge Center, Boston Properties. The existing plaza will be demolished, new drainage and waterproofing will be added, and it will be re-paved and landscaped. The courtyard is seen from above, looking towards Building E38 (MIT Press).

Losing money, losing structure

Eight cut varsity sports address changes and look forward

By Evan Moore
STAFF REPORTER

In April 2009, faced with over \$400,000 in budget cuts, MIT's Department of Athletics, Physical Education, and Recreation (DAPER) cut eight varsity teams — Women's and Men's Gymnastics, Women's and Men's Hockey, Golf, Alpine Skiing, Wrestling, and Pistol. The move saved DAPER nearly half a million dollars in expenditures annually, but caused outcry across campus and lost MIT its status as one of only two schools in the nation with 41 varsity sports — the other being Harvard.

Within the course of a day, these teams went from established varsity programs to groups with indeterminate futures. Although the club sports moratorium was lifted to allow the seven cut teams without club analogues (a club Women's Hockey team existed at the

time of the cuts) to continue, the transition was not going to be easy. Faced with the daunting task of entirely restructuring their teams, and without the financial advantages afforded to varsity groups, students of the new clubs had to take matters of money and management into their own hands — adding even more work to the already busy schedule of the student-athlete.

Funding the team

Along with losing their varsity status, the teams lost DAPER funding. The Club Sports Council (CSC) offers some financial support to the sports, and DAPER increased funding to the CSC to accommodate the seven new teams. However, there was not enough money to cover all expenditures, and the new club sports had to adjust to budget shortfalls.

According to Sport Pistol Club Captain Andrew K. Sugaya '11, the

pistol team had just enough ammunition and targets left over from the previous season to support itself for about half a year. The team immediately reached out to alumni to cover the rest of the team's operating costs for the future. Along with many other new teams, pistol now charges club dues: \$150 last season, and \$100 this season.

Other sports derive most of their funding from generous alumni donations, with dues making up a minimal part of their budgets. Riley E. Brandt '11, the Men's Hockey Club team captain, said that the team is completely funded by alumni donations.

"Right now, we're raising enough money to run the team on a per-season basis," he said, adding that the long-term goal would be to raise enough money to endow the program.

Varsity cuts, Page 14

Anna Tang finished with court, now a free woman

Tang not ordered to be institutionalized, but is expected to continue private therapy

By John A. Hawkinson
STAFF REPORTER

Anna L. Tang, the troubled former Wellesley student, is finally free to resume her life and has been discharged from court custody. Under house arrest since early 2008, Tang will not be committed to a mental institution, and there are no longer any court-ordered restrictions upon her. Tang had been found not guilty by reason of mental incapacity on Dec. 10, 2010, but the Commonwealth petitioned to have her committed to a locked mental health care facility. That petition was dismissed

yesterday afternoon by Judge Bruce R. Henry in Middlesex Superior Court.

Tang came to the attention of most MIT students in October 2007 when she stabbed her ex-boyfriend, Wolfe B. Styke G, then a freshman, in his Next House dormitory room. Styke sustained eight wounds that were nearly fatal. Tang had seen Styke studying with another woman earlier that evening, and approached two different security guards in an attempt to gain access to Styke's room.

Anna Tang, Page 13

Post comments about our articles

The Tech is proud to introduce a commenting system on its website, tech.mit.edu. Readers may post comments on any article or photograph that is less than 30 days old. Through comments, we hope to inspire civil and thoughtful debate about important issues facing the MIT community and beyond.

—David M. Templeton

Scott Brown tours MIT, promotes science bill

Senator hopes to increase STEM funding, support research at undergraduate level

By Joanna Kao
STAFF REPORTER

Senator Scott Brown (R-Mass.) toured the Koch Institute and Institute for Soldier Nanotechnologies (ISN) last Friday and thanked MIT for supporting his Innovate America Act proposal.

Senator Brown and Senator Amy Klobuchar's (D-Minn.) Innovate America Act proposes to reduce stiff regulation on small businesses and focus on Science, Technology, Engineering, and Mathematics

(STEM) programs. The bill was referred to the Senate Committee on Finance on Jan. 31.

According to Brown's website, the act will "increase the competitiveness of small-and-medium-sized businesses by focusing on turning research and new technologies created at universities into products [and] promoting and rewarding schools that focus on science, technology, engineering and math."

Scott Brown, Page 11



JOANNA KAO—THE TECH

Senator Scott Brown (R-Mass.) observes a demonstration by Materials Science and Engineering and Biology Engineering Professor Angela M. Belcher during a tour of the Institute for Soldier Nanotechnologies at MIT.

IN SHORT

The No. 1 bus route might change, including the elimination of the stop just past Bexley. For more information, p. 11.

UROP direct funding applications are due on Thursday, February 10.

The student center locker lottery is happening February 7–11. Rental fee for a semester is \$20. Submit your application online at <http://studentlife.mit.edu/cac/student-center>.

Ken Olsen '50 died on Sunday. He was the founder of the Digital Equipment Corporation.

A crane will be outside Building 54 tomorrow to deliver equipment to the 11th floor.

Send news information and tips to news@tech.mit.edu.

IT'S A MAD WORLD

Mutually Assured Destruction is no ideal solution, despite the pop notion that somehow more nukes keep us safe. **OPINION, p. 5**

LUCKY NUMBER ONE

The MBTA has proposed changes to the beloved No. 1 bus route. **NEWS, p. 11**

PENCIL PHILOSOPHY

Finding the meaning in a switch from pencils to pens. **CAMPUS LIFE, p. 10**



MANAGING YOUR FREE FOOD INTAKE

MIT is a free-food-lover's heaven, but here's how to exercise restraint to keep off the extra calories. **CAMPUS LIFE, p. 10**

RED SOX RESURGENCE?

Off-season developments may spell a season the Sox can look forward to. **SPORTS, p. 16**

SECTIONS

World & Nation . . . 2
Opinion 4
Fun Pages 6
Campus Life 9
Sports 16

Thai and Cambodian troops clash violently at the border

By Seth Mydans
THE NEW YORK TIMES

THNAL BEK, Cambodia — Refugees clustered around cooking fires at a schoolhouse here as Cambodia and Thailand prepared for the possibility of further violence after a fourth day of shelling Monday at their disputed border.

The Cambodian army cleared out military vehicles and construction equipment and evacuated villagers from the foot of a steep cliff that is the site of an 11th-century Hindu temple claimed by both sides.

The dispute involves a century-old French colonial map, a ruling by the International Court of Justice and a decision in 2008 by UNESCO, the cultural arm of the United Nations, to list the temple, Preah Vihear, as a Cambodian World Heritage site.

It has become tangled within the complex knot of Thai politics as well as simmering enmity between the two neighbors that has erupted into violence near the temple several times since the World Heritage listing.

The current fighting is the most

sustained engagement between the two nations. As many as five civilians and soldiers have been killed on both sides, according to Thai and Cambodian news reports.

Cambodia urged the United Nations to send peacekeepers to the border area one day after asking the Security Council to convene an urgent meeting to “stop Thailand’s aggression.”

“We will go to the Security Council whether you like it or not,” Cambodia’s prime minister, Hun Sen, said in a speech Monday, addressing his counterparts in Thailand.

Iran opposition requests rally supporting uprisings in region

By William Yong
THE NEW YORK TIMES

TEHRAN, Iran — With democracy tremors rocking the Arab world, Iran’s opposition has challenged its hard-line leaders to allow a peaceful demonstration — ostensibly in support of the uprisings in Tunisia and Egypt.

The request to hold a rally on Monday falls short of an open call for supporters of Iran’s “green” movement to return to the streets after more than a year, but it is the closest that Iran’s opposition has come so far to trying to join in the historic events elsewhere.

“In order to declare support for the popular movements in the region, in particular, the freedom-

seeking movements of the people of Egypt and Tunisia, we request a permit to invite the people for a rally,” read the open letter from Mir Hussein Moussavi and Mehdi Karroubi, two of the presidential candidates who were defeated by Mahmoud Ahmadinejad in what they said were rigged elections in 2009. The letter, dated Saturday, was addressed to Iran’s Interior Ministry and published Sunday on websites affiliated with Iran’s opposition.

While similar requests have recently been met with flat refusals or utter disregard, the letter puts Iran’s hard-liners in a quandary. Iran’s supreme leader, Ayatollah Ali Khamenei, and many other conservative figures have offered clear and ringing support for the movements in Egypt

and Tunisia. Their refusal to grant permission for such a rally would be seen by opposition supporters and perhaps others as hypocritical.

With just under a week to go before the proposed demonstration, the call has provoked a large online response centering around the “25 Bahman” Facebook page, a reference to the rally’s date in the Persian calendar. In less than 24 hours, the page has attracted a slew of comments, promotional posters, video clips and more than 12,000 “likes” from online activists hoping to revitalize a protest movement that has been subdued after an effective campaign of state violence, threats, imprisonment of key figures and a blanket ban on access to the mainstream government news media.

After earmarks ban, many local projects are on hold

WASHINGTON — Gone for now are the likes of the taxpayer-financed teapot museum, or studies on the mating habits of crabs.

But also shelved are a project to help consolidate information about arrests in Brazos County, Texas, and staffing for two new shelters for abused women and children in Salt Lake City. A rural Wisconsin county will not be able to upgrade its communication system, and a road in Kentucky will not be widened next year.

Across the country, local governments, nonprofit groups and scores of farmers, to name but a few, are waking up to the fact that when Congress stamped out earmarks last week, it was talking about their projects, too.

Tensions are particularly acute in districts where new conservative lawmakers, many of whom criticized the practice of quietly inserting earmarks into spending bills, are coming face to face with local governments and interest groups who were counting on federal dollars to help shore up their own collapsing budgets.

The issue is hardly limited to Republican districts. Democrats, led by President Barack Obama, also agreed to give up the practice. Last week, Sen. Daniel K. Inouye, D-Hawaii, the chairman of the Senate Appropriations Committee who has long cherished earmarks, announced they would be banned from this year’s bills.

—Jennifer Steinhauer, The New York Times

\$1 million prize for inventor of tracker of ALS progress


BOSTON — Tracking the inexorable advance of amyotrophic lateral sclerosis, the deadly neuromuscular ailment better known as Lou Gehrig’s disease or ALS, has long been an inexact science — a matter of monitoring weakness and fatigue, making crude measurements of the strength of various muscles.

This imprecision has hindered the search for drugs that could slow or block the disease’s progress. But now a neurologist at Beth Israel Deaconess Medical Center here has won a \$1 million prize — reportedly the largest ever for meeting a specific challenge in medical research — for developing a reliable way to quantify the small muscular changes that signal progressive deterioration.

The winner, Dr. Seward Rutkove, showed his method could halve the cost of clinical trials to screen potential drugs for the disease, said Melanie Leitner, chief scientific officer of Prize4Life, the nonprofit group that created the competition.

The method does not provide a target in the body at which to aim drugs, nor will it help doctors better diagnose the disease. But Dr. Merit Cudkowicz, a professor of neurology at Massachusetts General Hospital and a chairwoman of the Northeast ALS Consortium, compared Rutkove’s discovery to the way magnetic resonance imaging expedited the development of drugs for multiple sclerosis.

—Bina Venkataraman, The New York Times



SHEN YUN


PERFORMING ARTS

神韻晚會

FEB. 11 – 13, 2011

CITI WANG THEATRE

ALL-NEW 2011 PROGRAM
WITH LIVE ORCHESTRA



SHENYUNPERFORMINGARTS.ORG



“
I probably have reviewed over
3 to 4 thousand shows since 1942.
I will give this production 5 stars.
That’s the top,”
— Richard Connema,
Critic for Talkin’ Broadway

Tickets: BostonShows.org
800-954-4606

Preserve reasonable opportunity to explore dorms

I am surprised by the MIT administration's proposal to rearrange the Orientation schedule such that other events and activities will encroach upon the REX period. Such a move has the potential to make it much more difficult for freshmen to make an informed choice about which dorm to live in, which in turn has the potential to drastically degrade their "MIT experience".

I recognize that the current policy of housing all freshmen on campus has resulted in undergraduate dorms that are bursting at the seams, and has left the FSILGs under-populated. Solving that problem is outside the scope of this short note. What I would like to address here is the possibility that the MIT administration's proposal with respect to REX may represent a mindset change to "let's just get them assigned quickly to whatever undergraduate dormitory they'll fit in."

Of course, from a pure numbers point of view, getting freshmen assigned to dorm rooms is exactly what the MIT administration must do. By policy, they have to house

the entire incoming freshman class in the dorms. So the administration's reported position could well be a symptom that they have lost sight of how important finding the right living group is to the MIT experience.

Nevertheless, finding the right place to live — a place that's a shelter from the infamous MIT "firehose" — is a process that should be given the time it deserves. Each living group at MIT has a unique character, and we need to give the dorms a reasonable opportunity during REX to describe what makes them unique, and to recruit freshmen that have a good chance of "finding a home there." This makes sense, has worked well for decades, and benefits both the dorm residents and the incoming freshmen. The administration's proposal to effectively "shorten" REX will allow neither the freshmen nor the dorms the time to go through this process properly.

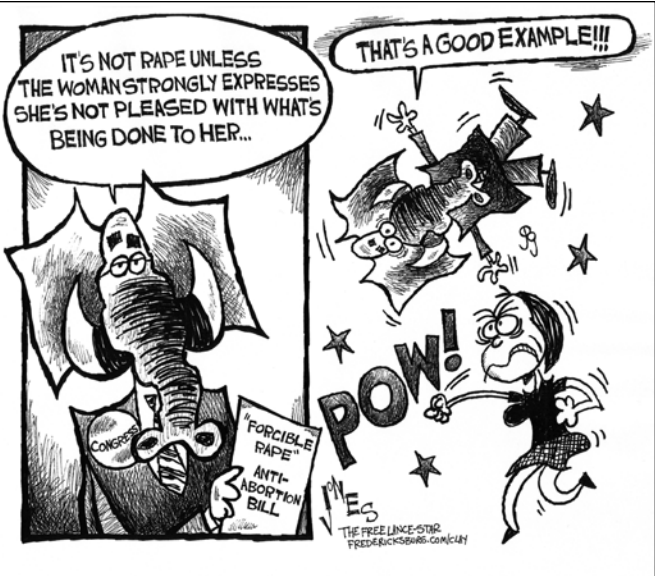
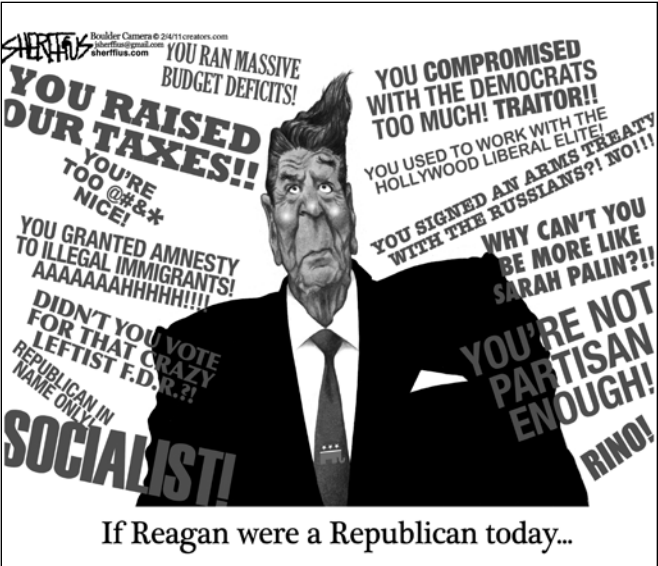
If the administration just plans to shove freshmen into rooms without consideration for the unique characteristics of each dorm (does Bexley still have an anti-rush?), then I'm wasting your time.

However, if the administration is facing hard constraints (perhaps as a result of “freshmen on campus”), then we need to work jointly towards solutions that do

not dilute or abandon the special nature of each dorm; one size definitely does not fit all when it comes to undergraduate housing choices at MIT. The administration will have to offer more/different opportunities (outside of a "shortened" REX) to get the message of each dorm out to the incoming freshmen (e.g., mailings, dedicated time during CPW, more extensive i3 videos). Then each dorm will have to clearly explain what life there is like, what its residents strive for, and what they do not.

In last week's article, you quote Dean Norman as citing "academic readiness as a central goal of Orientation". But anyone accepted to MIT is academically ready. If you ask any current or former MIT student, you will hear that "rush" or "REX" was all about finding the right people to live with, not about "academic readiness." The success or failure of finding the right place to live has more impact on the "MIT experience" than anything else. If the MIT administration starts treating the dorms simply as places to warehouse students, then everybody — the MIT community, the living groups, and the students themselves — will be poorer for it.

Tim Kuo '81
Baker House Vice President for Institute
Relations, 1979-1980



CORRECTIONS

In a sports article last Friday about Super Bowl predictions, Al Harris and Aaron Kampman were incorrectly cited as being current Green Bay Packers players. Harris and Kampman are no longer on that team.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Joseph Maurer, Editor in Chief Ethan A. Solomon, Managing Editor Connor Kirschbaum, Executive Editor Aislyn Schalck, Opinion Editors Nina Sinatra and Ryan Normandin, Senior Editors David M. Templeton and Steve Howland, and Advisory Board member Andrew T. Lukmann.

Dissents are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@tech.mit.edu. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will

not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech's* Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community.

TO REACH US

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@tech.mit.edu, and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing eic@tech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@tech.mit.edu. Letters to the editor should be sent to letters@tech.mit.edu. The Tech can be found on the World Wide Web at <http://tech.mit.edu>.

It's a MAD World

Public misunderstanding of Mutually Assured Destruction has bred complacency toward the risks posed by nuclear weapons

By Keith Yost
STAFF COLUMNIST

Imagine two men, John and Nick, standing at the edge of a precipice. They are chained together at the ankle by a heavy chain such that if one falls over the edge (or throws himself off the edge), the other will fall with him, and both will die. John is trying to coerce Nick into giving him something — for convenience, let's call it a MacGuffin. John has the strength to throw Nick off the cliff, but does not have the strength to simply seize the MacGuffin from Nick — he can only have it if it is willingly given away. Let us also imagine that John values the MacGuffin more than Nick does.

Every pair of nuclear states and set of conflicting interests produces a steady stream of risks to civilization.

The question is this: By threatening to throw himself off the cliff, can John convince Nick to surrender his MacGuffin?

In the layman understanding of mutually assured destruction (MAD), the answer is no. Nick knows that John will not throw himself off the cliff — if John did so, he would die, and in any case would not receive the MacGuffin. John can threaten and cajole to his heart's content — no matter how badly John wants the MacGuffin, even if he values it more than his life itself, Nick knows that it is never in John's interest to take the jump.

This is the pop logic of Mutually Assured Destruction (MAD) — that no matter what

the differences between nations, no matter what their clash of interests, so long as no state values harming another as an end in and of itself, none will ever use their nuclear weapons against a fellow nuclear state.

Unfortunately, this logic is deeply flawed. While it is true that “winning” a nuclear war is nearly as absurd as the idea of John “winning” the fall to the rocks below, it still remains that John *can* coerce Nick successfully. John may never have the incentive to leap into the abyss, but he *is* willing to accept a higher risk of death than Nick is in order to possess the MacGuffin.

To coerce Nick, John begins dancing near the brink. He dances erratically, and slowly increases the wildness of his motions. As he increases his energy, the probability of a mistake, of a sudden miscalculation that will cause him to accidentally slip and fall off the edge, rises.

Eventually, Nick capitulates. John may be able to tolerate the continued risk of mutual destruction if it obtains him his desire, but to Nick, it is not worth the MacGuffin.

MAD, as a statement of the world we live in, is accurate. It is impossible to imagine the United States executing a nuclear strike against Russia and not suffering intolerable destruction in return. But it does not follow that rational actors will never use nuclear weapons against each other. History is full of American and Russian leaders doing dance-offs while their terrified societies look on. Whether it is Dwight and Joe tango-ing over Berlin, or John and Nick doing a furious jig in Cuba, by putting themselves in situations that were not wholly under their control, nuclear states have enhanced their positions in the world vis-a-vis their rivals.

Ideally, taking such risks would be un-

necessary. There is little need to generate nuclear risks to prove to Russia that we, for example, value ownership of Alaska more than they do. Through common sense and dialogue, states can often settle their affairs without needing to provide potentially costly demonstrations.

However, we do not live in an ideal world. Statesmen mis-communicate. They underestimate the values that their rivals attach to objects. They have different perceptions of the risks that are being generated. As these human errors in action and judgment stochastically crop up, they will sometimes cross a threshold and require a demonstration to resolve. Occasionally, these demonstrations of risk-taking will produce a nuclear war. Every pair of nuclear states, every set of conflicting interests over which nuclear states vie, produces a steady stream of risks to human civilization.

In this context, nuclear weapons are quite valuable to the society that owns them. They grant admission to a high-stakes coercion game. Nuclear weapons even go a long way in justifying the presence of many pieces of modern conventional military equipment. It is not enough to have nuclear weapons; a society needs to carefully craft its risk offerings toward other states, and conventional arms are largely how such dances are performed. Are the risks of nuclear war so intolerable that we would be better off in a nuclear free world than the one we have right now? I'm not convinced either way, but we should not regard the acquisition of nuclear weapons by countries like Iran or North Korea with the blasé attitude that many Americans take. It is not that these states are somehow irrational or incapable of securely holding their weapons — the

real reason why the acquisition of nuclear weapons by these states is so alarming is that these states have massive conflicts of interest with other states. The risk of misperception and confrontation is too great. Will Ayatollah Khamenei knowingly initiate a nuclear war against Israel? Probably not. Are Israel and Iran likely to have confrontations with each other in which a false alarm or mistake could produce an exchange of arms? Absolutely.

We live in a MAD world. But a MAD world is not a safe world. The nuclear risks that we face have been largely ignored.

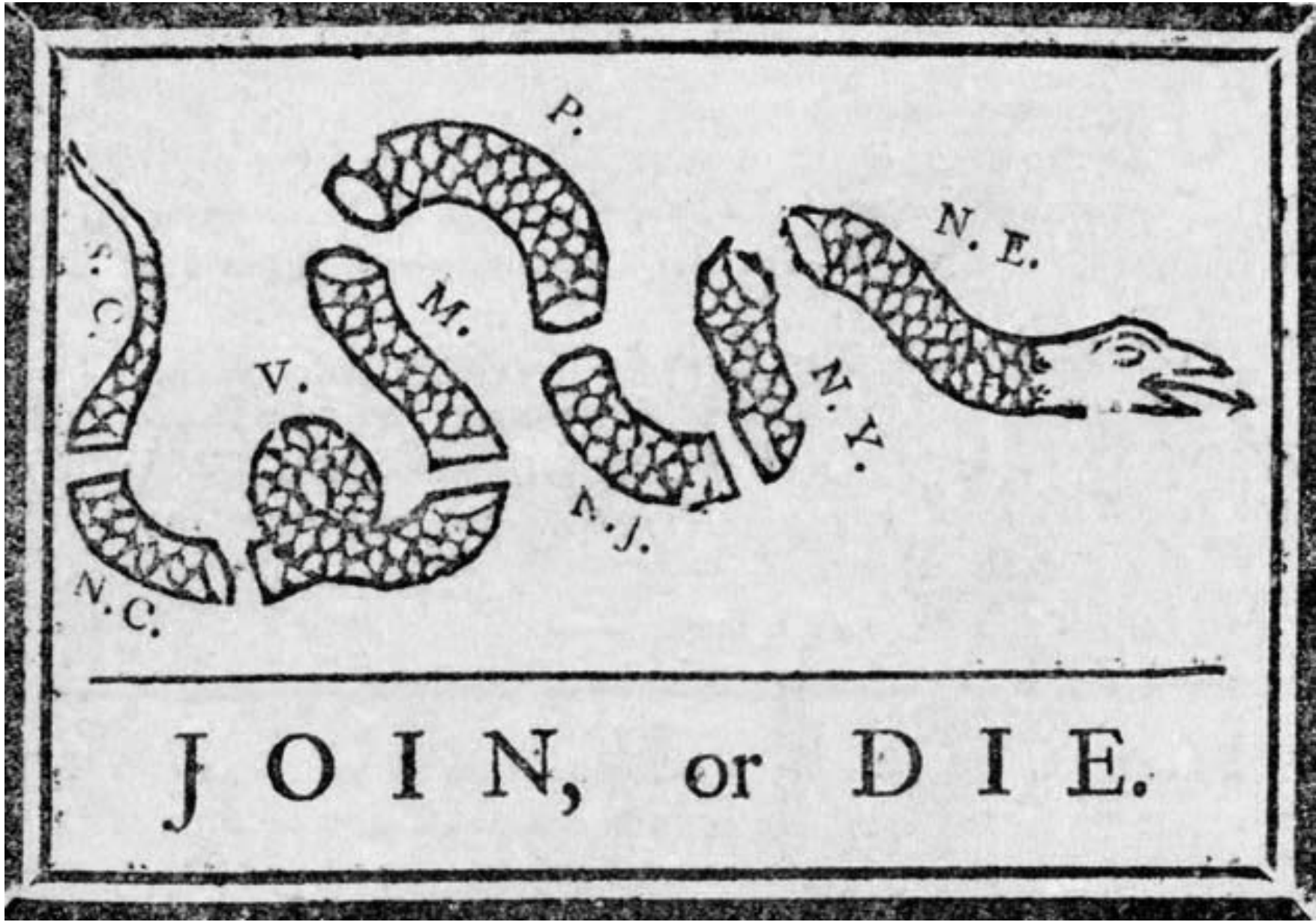
We live in a MAD world. But a MAD world is not the same as a safe world. The nuclear risks that we as a society face, and as altruists should endeavor to reduce, have been largely ignored. Arms control arrangements, even those as inoffensive as New START, have little popular energy to fuel their passage. Proliferation is viewed through a skewed prism — we focus obsessively on preventing madmen from obtaining nuclear weapons, when we forget that the weapons themselves are what drive us to madness. We continue to design foreign policies and grand strategies that do not account for the realities of the nuclear age, and continue to set priorities that relegate non-proliferation to secondary importance.

This is a dangerous world, and it is growing more dangerous. We must demand better.

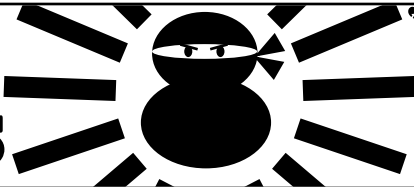
Want to draw graphics that engage, provoke, and speak to the MIT community?

The Tech is looking for editorial cartoonists.

join@tech.mit.edu

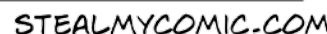


WE'RE SEEKING TO BUILD OUR FORCES



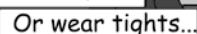
JOIN@TECH.MIT.EDU

FUN



FUN FUN FUN FUN FUN FUN FUN FUN FUN FUN FI IN FUN

FUN



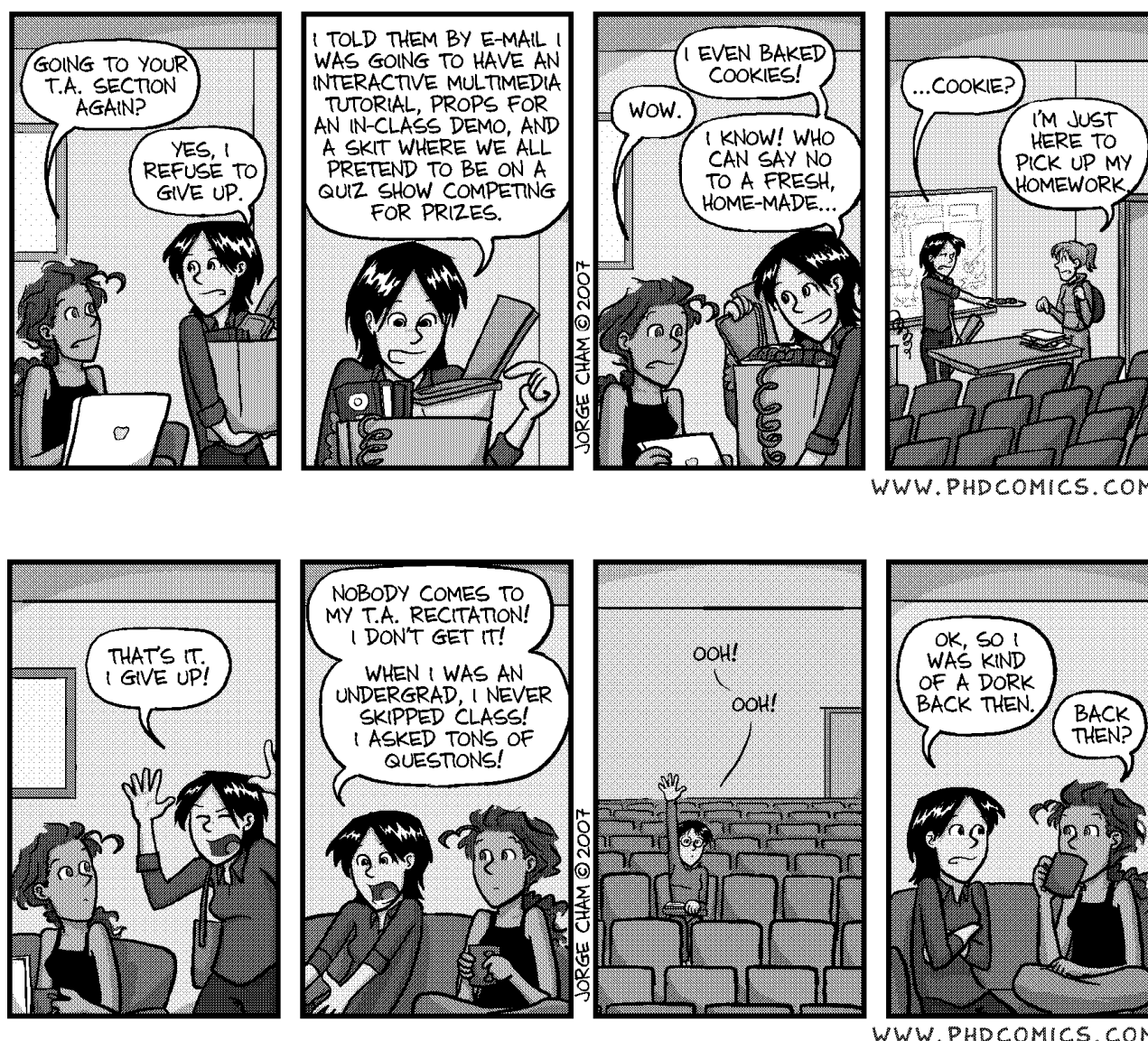
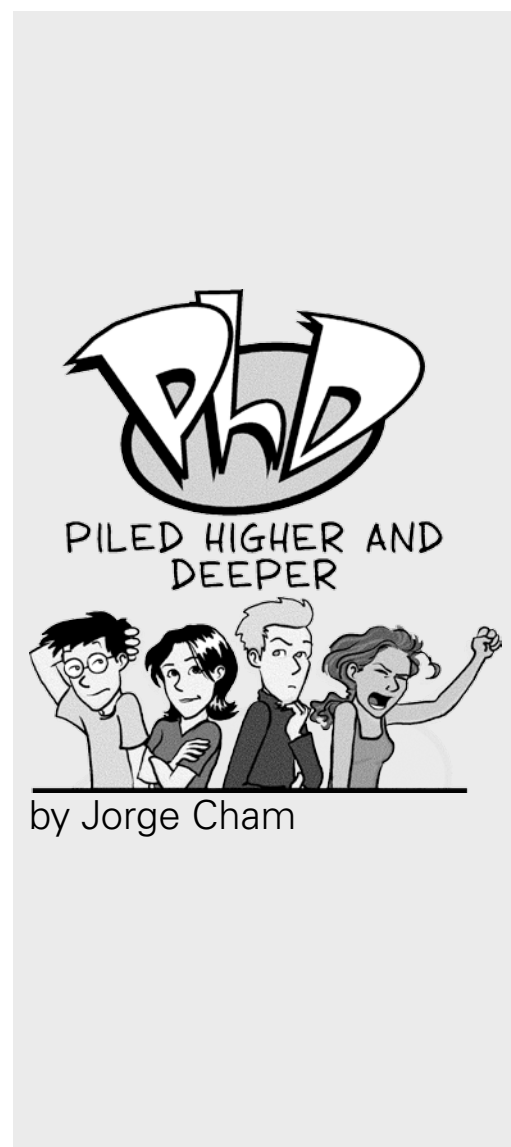
Solution, page 13

1 Org. of Toms and Tiger
4 Weapon of mass destruction
9 Plus feature
14 Rower's requirement
15 Stan's slapstick partner
16 Keep an eye on
17 Adam's partner
18 Animal dens
19 Honolulu greeting
20 Start of a quip
23 Postures
24 Commotion
25 John __ Passos
26 Incited
31 Freshen up
34 Was mistaken
35 Gibbon, e.g.
36 Frosted
37 Part 2 of quip
38 Rotation line
39 Bikini piece
40 Hay units
41 Alternative to treat?
42 Diana Ross's group
44 Zodiac lion
45 Psychic power
46 Least illuminated
50 End of quip
55 Madame Curie
56 Italian poet
57 Corporate VIP
58 Public square
59 "Lou Grant" star
60 Of the ear
61 More rational

- 1 Verses
- 2 French peasant dance
- 3 Game site
- 4 Wow!
- 5 Cutting edges
- 6 Potpourris
- 7 Soggy ground
- 8 Porgy's girlfriend
- 9 Bestowed upon
- 10 Oater bar
- 11 Pack away, as cargo
- 12 Rebounding yodel
- 13 Comparison conjunction
- 21 Brought to a close
- 22 "___ People Play"
- 26 Lets loose
- 27 Minerals in the raw
- 28 Judd Hirsch sitcom
- 29 Legendary
- 30 Escritoire
- 31 Barbecue fare
- 32 Light tan
- 33 Type of tide
- 34 Contemporary of Agatha
- 37 Florida bay
- 38 Bakery emanation
- 40 Rub over
- 41 Moderates
- 43 Change dimensions
- 44 Loading device
- 46 Summer or Shalala

47 Disney World attraction
48 Take care of
49 Move as a throng
50 Little pranksters

51 Samoan currency
52 Persia, now
53 6/6/44
54 Alleviate



Urdhva Mukha Svanasana



Techdoku

Solution, page 13

11+				150x	
2		288x			
21+				6x	
		3-		2x	
60x			60x		
12x				12x	

Sudoku

Solution, page 13

							4	6
3	4	5	6					9
	7	6		4		5		2
				1			9	
	8						1	
	2			8				
8		3		6		4	5	
4					5	8	2	3
7	5							

Techdoku Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1 through 5. Follow the mathematical operations for each box.

Sudoku Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

**START
IDEAS
PROJECTS
BUSINESS
GLOBAL
FUN
/
DO IT
IN
BARCELONA**

DO YOU HAVE A CRAZY IDEA? WE HAVE SOME EXPERIENCE IN IT.

If you are looking for a city to develop your business or professional project, in Barcelona you will find all the resources and the support to carry it out.

DO IT IN BARCELONA!

doitinbcn.com
bcn.cat/barcelonabusiness



Sagrada Família (A. Gaudí)

Cofunded by:



European Union
European Regional
Development Fund
Investing in your future



Generalitat de Catalunya
Government of Catalonia



Ajuntament de Barcelona

Barcelon**a**ctiva

www.doitinbcn.com



EVENTS FEB. 8 – FEB. 14

TUESDAY

(4:00 pm – 5:30 pm) Ronald L. Rivest speaks at 39th Annual James R. Killian Jr. Faculty Achievement Award Lecture — 10-250

(12:00 p.m. – 6:00 p.m.) MIT Produce Market — 32-TSMC

WEDNESDAY

(6:00 p.m. – 7:00 p.m.) Nobel Laureate Peter Diamond PhD '63 speaks at Sidney-Pacific Lecture Series: Search Frictions, Unemployment, and Vacancies — NW86

THURSDAY

(6:00 p.m. – 7:00 p.m.) Learn about the machine that will compete against two of the most successful players on *Jeopardy*. Watson on *Jeopardy*: The Turing Test Breaks the 4th Wall — 56-114

(7:15 p.m. – 9:00 p.m.) Join the Addir Fellows for Prof. Stephen Prothero's "God Is Not One" From Interfaith 1.0 to Interfaith 2.0 — W11

FRIDAY

(8:00 p.m. – 10:00 p.m.) The Vagina Monologues — 32-123

(8:30 p.m.) iNight with the International Students Association — W20-202

SATURDAY

(1:00 p.m. – 3:00 p.m) Professor Susan Reverby guest lectures at LUCHA — 4-237

(7:00 p.m) LSC shows *Red* — 26-100

SUNDAY

(6:30 p.m.) LSC shows *Contact* — 26-100

(8:00 p.m. – 11:00 p.m.) International Folk Dancing — W20 Second Floor

MONDAY

(12:30–2:00 p.m) Japanese ambassador to the U.S. Ichiro Fujisaki speaks about US-Japan Relations: Where Are We Going? — E40-496

Send your campus events to events@tech.mit.edu.

Institute Double Take



JOANNA KAO—THE TECH

Even though we're getting wet feet from stepping in the melted snow puddles, these puddles can be quite beautiful. Here's a view of Lobby 7 and its reflection in a large clear puddle in front of the Student Center.



Are you dying to tell someone your latest ephiphany?

Write about it!

Join Campus Life @ The Tech!

E-mail join@tech.mit.edu

Particle Physicists

A 2005 Particle Mass Power Law based on PDG Data
Anticipated the QM 2010
Lightest Up Quark Mass (m_p)
Within QM Error Limits
Using a NEW Conic Vortex Microquantum (m_c)

$$m_p = \sum m_c \ N^5 \left[\frac{n_{\pm}}{n} + \frac{n_0}{an} \right]$$

where n_{\pm} = number of charged pairs of component microquanta
 n_0 = number of neutral pairs of component microquanta
 N = number of microquanta

See www.electron-particlephysics.org
(Papers 1-4, etc.)



CAPITAL ONE COMPANY PRESENTATION

Date: Wednesday, February 9
Time: 7:00 p.m.
Location: 4-149

Please join us to learn more about Capital One and our full-time and summer internship opportunities.

- Now Hiring:
- Business Analysts
 - Analyst Interns

Please submit your resume via CAREER BRIDGE by February 13.

Questions? Please contact your recruiter: Kate Burris, katherine.burris@capitalone.com

www.capitalone.com/careers
www.facebook.com/capitalonecampuscareers

We are an equal opportunity employer committed to diversity in the workplace. We promote a drug-free work environment. If you require an accommodation to apply for a U.S. employment opportunity, please contact Recruiting at 1-800-304-9102.



Perfectionism at its best is just a little less than perfect

Before I answer that question, let me first say that I can sometimes be a perfectionist. I often get a lot of joy from trying to make my Python code as perfect as possible, and I revise my *Tech* columns over and over again. However, over the course of my MIT education, I've gotten a lot better at turning off my perfectionist tendencies when the

Just the other day, I turned on “1-Click Ordering” and bought a book on Amazon.com for \$11, shipping and all. There’s a

Does no longer taking the time to make everything perfect mean I'm lazy? All I'm really doing is putting my MIT education to good use and doing some 6.042-style probabilistic analysis. After the ten min-

After all, I'm a pen person now.

The 411 on how to navigate free food at MIT

At MIT, it's easy to get sucked into the free food trap. After all, what's not to like about free food? It's food and it's free — it's a no-brainer as to why we're so enamored by the concept. Especially for many college stu-

Approaching free food with a “here and now” mindset instead of a “save some for later” one might help. If you’re someone who likes to hoard a box of pizza for a week or collect sodas from events, this approach might apply to you. Restricting your intake of free food to a specified period of time allows you to limit your consumption to only as much as your stomach can take. Furthermore, by not collecting unhealthy food in your room, you can avoid the temptation to binge later. After all, too much of even a good thing can also be bad for you.

What has worked for me is not seeking out free food, but seeking out events — with food as an accessory incentive. I found that when my primary reason for attending an



event was free food, I rarely ever reaped the full benefit of the event. By making free food a secondary objective, I began to get a lot more from the events I attended, and I was able to manage my expectations and eating habits as well. And on the random occasion that I just happened to be near a table of cookies and pastries, it was a welcome surprise to be able to munch on something in moderation — think one or two cookies. I learned that the surprise of free food could be better than the planned consumption of it.

If free food is truly integral to your diet at

MIT, consider constraining yourself to one free food option per day. Find ways to supplement your diet for the other two meals with food from the dining hall or recipes that you make on your own. If you have a group of friends that seeks out free food together, take turns finding recipes online that you can make together and share. When time is scarce, hop by La Verde's and pick up some fruit and yogurt or a granola bar — my personal favorites are FiberOne oatmeal bars and KIND bars. Now, excuse me while I go and snack on some grapes.

Join **Campus Life @ The Tech**
and share your stories with our
15,000+ readers!



Now you can!
Introducing **comments**
on *The Tech's* website
Make your voice heard

Potential changes coming to Number 1 Bus Route around MIT

The popular Number 1 bus that stops outside 77 Massachusetts Ave. may see major changes as part of the Massachusetts Bay Transportation Authority (MBTA) Key Bus Route Improvement Program. Preliminary recommendations presented at the MBTA's last community meeting include the elimination of inbound stop 76 at the intersection of Massachusetts Avenue and Memorial Drive, located slightly past Bexley in the direction of the Harvard Bridge.

The inbound stop at Landsdowne Street and its companion outbound stop at Front Street, located near Random Hall and the MIT Museum (close to the Cambridge Bicycle shop), may also be put out of service.

Transit signal priority, which would extend green lights for all traffic when a bus is approaching an intersection, is proposed for the 77 Massachusetts Ave. signal. and the lights at Landsdowne.

The MBTA is soliciting feedback on these changes at keybusroutes@mbta.com.

—Deborah Chen



DAVID CHEN—THE TECH

Changes might be coming to the Number 1 Bus route. The MBTA has proposed that some stops along Massachusetts Ave. be eliminated, and buses could be given traffic signaling priority.

MIT administrators thank Brown for bill

Scott Brown, from Page 1

The proposal plans to incentivize universities by providing award funds through the STEM Awards Trust Fund for institutions that “dramatically increase” the number of students who graduate in STEM fields and sustain such an increase for more than five years. It will also ensure that at least 10 percent of federal funds available for undergraduate research will be used towards funding research done by first year undergraduates.

To boost small businesses in the innovative technology development sector, the proposal will make loans easier to obtain. The proposal also simplifies tax credits for those who contribute to research at universities.

President Susan J. Hockfield, Raymond S. Stata '57, and Chris Anderson, president of the Mass. High Tech Council, who joined Brown on the ISN tours, thanked the Senator for supporting STEM education.

Hockfield praised Brown for his “sound policy” and said she was “eager to work with the Senator ... to help advance the cause for economic growth.”

Brown said that his new proposals to boost Massachusetts jobs

was “not a new initiative for me. It’s just that people listen now.”

He also emphasized being able to “make a difference” and praised MIT administrators and researchers for achievements in areas such as health care and environmentally-friendly products.

Stata thanked Brown for his commitment to science and technology and spoke on the connections between Brown’s Innovate America Act and MIT’s Venture Mentoring Service, a service to support the entrepreneurial activities of the MIT community.

Professors Yet-Ming Chiang '80, Robert S. Langer SCD '74, Paula T. Hammond '84, and Angela M. Belcher demonstrated “technology unique to MIT and ISN” that could benefit from the new proposal. In line with Senator Brown’s plans to boost Bay State jobs, they emphasized the potential development of products based on their research and how these plans could create new jobs.

Materials Science and Engineering Professor Chiang showed his current work in nanotechnology and his newest project in battery technology. He jokingly said that he cares so much about making sure his students have a job after graduation that “we create companies to give students jobs.”

New female floors possible

Some residents want non-dining, female only option

Female housing, from Page 1

small all-female communities in non-dining dorms, such as single-sex suites in Burton-Conner and MacGregor. Though the possibility of an all-female floor or entry in another dorm has been proposed, discussions this semester will focus on whether smaller spaces — such as an all-female suite — would be acceptable for current McCormick residents. A survey was sent to all McCormick sophomores and juniors to gauge their interest in the possibility of moving to a new dorm.

Michelle W. Chen '14 is hoping to move out of McCormick to a non-dining dorm because of the cost of the dining plan. Under the new system, “I feel like I’m obligated to eat here,” said Chen. She expressed interest in staying in an all-female community in a non-dining dorm mostly because she would like to continue living with friends from McCormick.

Monique V. Bowford '13 echoed concerns about an obligation to eat in the dining hall more often under the new plan. “I try to cook at least once a week,” said Bowford, but under the new plan, “I feel like I’m spending money twice” because of paying for both the dining plan and groceries.

Despite doubts about the new plan, Bowford plans to stay in McCormick. Though Bowford’s deci-

sion is primarily due to the community she has found in McCormick, her desire to stay in an all-female dorm also factored in. “I lived at Next over the summer — I didn’t know I would be so uncomfortable with boys in my bathroom and in my space,” she said.

Although some McCormick residents are unhappy with the dining plan, not all disapprove. “I think it will make me eat more nutritiously,” said Noor A. Doukmak '14.

Though cost is often one of the main concerns of those who disapprove of the dining plan, some residents do not view the pricetag as excessive. Victoria R. Winters '14, who plans to stay in McCormick, noted, “The same plan at my sister’s college is \$1,000 more expensive.”

Charles H. Stewart III, who has served as McCormick Housemaster since 1992, does not see the creation of an alternate environment as a threat to the culture of other dorms. “A lot is made of the differences between the dormitories but the residents of different halls are a lot more alike than we think,” said Stewart. “I remain puzzled and flabbergasted about the notion that there is something wrong and bad with MIT residents moving from one dorm to another.”

Stewart indicated that any potential transition would be eased by the opening of Maseeh Hall, which will cause a large number of stu-

dents to be moving around campus already.

Robin Baughman, Assistant Director of Housing, said that representatives from Housing have met with McCormick representatives and intend to have further discussions, but that no decisions have been made.

It remains unclear how permanent a second all-female community would be. Stewart indicated that current discussions are only concerning rising juniors and seniors, who came to MIT before details of the soon-to-be implemented dining plan were available. Though Comis believes an additional all-female community should be a permanent installation, she also said that present talks have mainly been about a temporary solution.

According to Comis, McCormick residents have expressed concerns about safety and security in other dorms. “People in McCormick will be wanting higher security,” said Comis, who believes that if a satellite community were created, there would be requests to make the dorm more secure — possibly by limiting the dorm to a single entrance.

Safety and security is commonly cited by McCormick residents as a reason they live in the dorm. Elizabeth R. Attaway '14 said that she wants to move to another dorm because of costs, but “[single sex] would be preferable — I feel safer that way.”

It's Election Season at the Coop, now!

Now accepting applications from MIT undergraduate and graduate students to serve on the Board of Directors during the 2011-12 academic year!

There are few opportunities to work this closely with academic and business professionals from Harvard and M.I.T. You'll gain valuable knowledge and experience in practically all areas of business, including finance, auditing, real estate, community relations, and charitable giving.

- Gain priceless, practical business experience
- Influence the way the Coop serves its students and members
- Receive a stipend

To be nominated as a candidate for the Coop Board of Directors, **apply online at www.thecoop.com** starting on February 2, 2011. For complete information, visit our website and click on Student Election. Email Allan Powell at aepowell@thecoop.com with any questions.

Good luck on the campaign trail!



[HTTP://www.thecoop.com](http://www.thecoop.com)

We get you the tickets.
You get us the review.

ARTS at 
events • movies • theater • concerts
music • books • restaurants • interviews

join@the-tech.mit.edu

Want to be Editor in Chief of *The Tech*?
Most EICs start as news writers.

join@tech.mit.edu



Happy Lunar New Year!

The Asian Dance Team at the Association of Taiwanese Students Lunar New Year Festival on Sunday, Feb. 6.

(clockwise from right)

Ruobing Lu '14 performed a traditional Dai dance to the song "Bamboo Wave". The Dai people are one of several ethnic groups in China.

Vivian A. Lee '12 and Cynthia S. Lu '12 improvised to the song "Singing Song."

WeiYang Sun '11 dazzles the crowd with his Chinese Yo-Yo skills.

Photography by David Chen



Lobby 7 Design Competition

Sponsored by the MIT Class of 1954 in Partnership with the School of Architecture & Planning and in Association with the MIT Museum | An event of MIT150



Congratulations to the Finalists!

Undergraduate Section

Huayu Ding & Cory Li
Brianna Jones
Frederick Kim & Kayla Manning
Bethany Pattern
Benjamin Peters
Hannah Walker & Megan Walker

Graduate Section

Masoud Akbarzadeh, Andy Hsu & Behnam Karimipour
Craig Boney & Kristen Mason
Jennifer Chuong
Florence Doughty, Nadya Volicer & Anne Woods
Yuna Kim & Ali Qureshi
Ana Maria Leon & Rebecca Uchill
Otto Ng & Mavis Yip
Ella Peinovich

Join us at the Awards Ceremony & Exhibition Opening
April 15, 2011

For more information, visit: <http://web.mit.edu/Lobby7Competition>

Judge Bruce R. Henry’s oral decision

(Judge Henry gave his decision from the bench yesterday afternoon at 3:20 p.m.)

“Thank you.
“I have reviewed all of the information that was put before me, particularly most recently from Dr. Wollheim, from Dr. Brooks.
“But also I have reviewed the information that came in at the time of trial, I have revised my notes. And I spent considerable time with the statute to make sure that I *did* follow the law.
“I understand the Commonwealth’s argument and their request that I look at all of this through the lens of what has happened here and what the rationale may be for Ms. Tang’s cooperation and her treatment. But as I look at what the statute requires:
“The statute says that I *shall not* order commitment unless the person is mentally ill, and I think there is ample evidence that Anna Tang is mentally ill. I don’t think that that *is* seriously in dispute.
“And that discharge would create a likelihood of serious

harm. Or that she’s mentally ill and failure to retain her in the strict custody would create a likelihood of serious harm. And I think in those respects the Commonwealth has not met its burden.
“No one has testified that there is a substantial risk of harm to Ms. Tang, or anybody else, at this point in time. And under the terms of the statue, if *either* of those requirements are not met, the statute is clear. Otherwise the petition shall be dismissed and the person discharged.
“That I think is the only option open to me based on the state of the evidence that’s before me. So for those reasons I will order the petition for commitment be dismissed and that Ms. Tang be discharged.
“I can only encourage you, Ms. Tang, to keep up with that treatment program which you are undergoing at this point in time. I cannot require it under the law. But according to everybody you’ve made terrific progress in that treatment program.
“So my recommendation to you is that you ‘keep with it’ — that you follow that plan that was so carefully outlined. So I wish you well in doing that.
“But I will dismiss and discharge Ms. Tang. Thank you all.”

Verdict: No hospitalization
Anna Tang found innocent in Dec., freed yesterday

Anna Tang, from Page 1

Russell J. Novello, then a night watch security guard, lent Tang a key to Styke’s room, thinking Tang and Styke were still dating. When Tang failed to return the key in fifteen minutes, Novello went to the room and retrieved the key from her. Styke was asleep. At the trial, Novello said Tang was “very nice.” It was hours later when Tang stabbed Styke, just before dawn.
Styke is now suing both MIT and Novello for negligence. MIT declined to comment on the suit, and Novello’s lawyer did not respond to inquiries.
MIT’s response to the suit is due in one week.
Tang has bipolar disorder, which she sought help for when she first arrived at Wellesley in 2005. At that time, she was diagnosed with depression and was prescribed an antidepressant. However, as Tang’s psychopharmacologist Michael J. Mufson testified during the trial, bipolar disorder cannot be treated with antidepressants. Doing so creates oscillatory behav-

ior — “It made her lows lower and her highs get higher,” Mufson said. That combination of misdiagnosis and mistreatment led to her attack on Styke. Judge Henry found in December that Tang lacked the substantial capacity to conform her actions to the requirements of the law and that she lacked the capacity to appreciate the wrongfulness of her actions.
The judge’s dismissal of the petition to commit came after one day of testimony two Fridays ago. The prosecutor, Assistant District Attorney Suzanna M. Kontz, called Dr. Elizabeth Wollheim to the stand. Wollheim was commissioned to evaluate whether Tang should be committed after the December verdict.
Wollheim said in both her testimony and in her written report that she did not believe Tang should be committed — she did not think Tang was a danger to herself or others.
In his closing statement yesterday, defense attorney Robert A. George highlighted holes in the Commonwealth’s argument: that

there was no evidence or expert testimony recommending commitment.
Kontz argued in her closing statement that Tang needed to stay in treatment and that she was a model probationer with an extensive treatment plan was only because she wanted to obtain a favorable judgement from the court.
Judge Henry summarized his thinking that led to the dismissal: “I understand the Commonwealth’s argument and their request that I look at all of this through the lens of what has happened here and what the rationale may be for Ms. Tang’s cooperation and her treatment,” he said.
“The statute says I *shall not* order commitment unless the person is mentally ill ... *and* that discharge would create a likelihood of serious harm *or* that ... failure to retain her in the strict custody would create a likelihood of serious harm. And I think in those respects the Commonwealth has not met its burden.”
Tang and Styke did not respond to requests to comment for this article.



JOHN A. HAWKINSON—THE TECH
Anna L. Tang listens as defense attorney Robert A. George argues that she should not be committed to a mental institution. The prosecution presented no testimony or evidence in favor of such commitment, he said.

This space donated by The Tech

The last challenge of a socially conscious society?

Depression strikes millions— indiscriminately. Depression is simply a suppression of brain activity that makes life unbearable. And even though depression is readily treatable, only 1 in 5 ever seeks treatment. Why do so many just drag themselves along or eventually seek relief through suicide? First, there’s the lack of awareness of depression— as an illness and as the threat that it is to each and every one of us. Second, there’s the unwarranted negative stigma attached to it. You know, the ‘mental’ thing. It’s time to collectively face depression. To know it’s an illness, not a weakness. And it’s a challenge that’s long overdue. It’s taken too many of us already.

UNTREATED DEPRESSION
#1 Cause of Suicide

Public Service message from SA·VE (Suicide Awareness Voices of Education) <http://www.save.org>

Can you beat this drawing?
Join Illustrators at The Tech!
E-mail join@tech.mit.edu

39th Annual
James R. Killian, Jr.,
Faculty Achievement Award Lecture
“THE GROWTH OF CRYPTOGRAPHY”

TODAY!

Ronald L. Rivest
Professor
Department of Electrical Engineering and Computer Science

Tuesday, February 8, 2011
4:00 pm
Room 10-250
Huntington Hall

Solution to Sudoku
from page 7

2	1	8	5	9	7	3	4	6
3	4	5	6	2	8	1	7	9
9	7	6	3	4	1	5	8	2
5	3	4	2	1	6	7	9	8
6	8	9	7	5	3	2	1	4
1	2	7	4	8	9	6	3	5
8	9	3	1	6	2	4	5	7
4	6	1	9	7	5	8	2	3
7	5	2	8	3	4	9	6	1

Solution to Crossword
from page 6

P	G	A	H	B	O	M	B	A	S	S	E	T
O	A	R	O	L	L	I	E	W	A	T	C	H
E	V	E	L	A	I	R	S	A	L	O	H	A
M	O	N	E	Y	D	O	E	S	G	R	O	W
S	T	A	N	C	E	S		A	D	O		
		D	O	S		F	O	M	E	N	T	E
R	E	N	E	W		E	R	R	E	D		A
I	C	E	D		T	R	E	E	S		A	X
B	R	A		B	A	L	E	S		T	R	I
S	U	P	R	E	M	E	S		L	E	O	
		E	S	P			D	I	M	M	E	S
I	T	I	S	M	A	D	E	O	F	P	A	P
M	A	R	I	E		D	A	N	T	E		C
P	L	A	Z	A		A	S	N	E	R		O
S	A	N	E	R		Y	E	A	R	S		T

Solution to Techdoku
from page 7

3	2	4	1	5	6
2	1	3	6	4	5
6	5	1	4	2	3
5	4	6	3	1	2
4	3	5	2	6	1
1	6	2	5	3	4

All cut teams live on as clubs

Cut sports turn to alumni, club fees to stay afloat

Varsity cuts, from Page 1

Club Wrestling (and former varsity) Coach Thomas Layte said that the team is supported by alumni, with the only serious issue being the lack of some facilities access, such as laundry and medical facilities.

The Alpine Skiing team is also primarily supported by alumni. An unexpected benefit of the financial attachment is bonding between alumni and skiers, said team member Jillian R. Reddy '11.

"We are trying to foster a community. When we were varsity, we never really talked to [alumni]. Now we've all been in contact with those people, which is cool," she said. Reddy was quick to add that raising funds was "the biggest issue we have." The operational costs of the Alpine Skiing team is \$10,000-12,000 per year, and although DAPER allowed the team to continue using its equipment, the helmets and speed suits are wearing down and will be expensive to replace.

Brandt said that the team's expenditures as a club are less than they were as a varsity sport; as a result, members supply their own equipment and only bring trainers to games, but DAPER still indirectly helps the team.

"There are hidden costs like maintaining the ice and Zamboni that DAPER still bears," he said. He also added that the team does not have to pay for ice access, which

would be a considerable expense.

"We also reach out to [alumni] through newsletters and updates — as a 106-year-old program with 400 living alumni, we're trying to build a strong sense of community," he explained.

Kristen D. Watkins '11, one of the Women's Gymnastics captains, said that DAPER also bears some expenses for gymnastics.

"We are still allowed to use the [training] facility, and MIT kept all of our equipment, which has been an incredible help. We are so thankful that DAPER kept our gym, because without that I don't think we could really have a club team at all," she said.

By sending a newsletter to alumni, the golf team was able to procure money for this season. Golf Team President Nicholas C. Swenson '12 credits golf alumnus Paul Rudovsky '66, who had previously sponsored the construction of MIT's indoor golf training course and a refurbishment of the weight room, for being a driving force for keeping the team alive with his support.

Managing the team

With their varsity status gone, none of the new club teams had a management structure in place to allow them function independently as the changes required. The change "adds a whole new aspect to being on a team," and places a lot of responsibilities on the players, said Swenson.

"We are solely in charge of the finances we make, the decisions, what we spend money on, that sort of thing," he said.

The new responsibilities were also mentioned by Watkins, who, along with her co-captain on the Women's Gymnastics team, has a whole new set of duties to fulfill. Before, she said, captains just had to lead the team and participate in a couple of traditions. "Now," she said, "the captains are scheduling all the meets, talking to all the coaches, managing all the money, buying all the equipment that we need...it's not that much more work for the average team member, but for the captains it's a significant amount of work."

Brandt runs his team with the help of a core group of about three people. He believes that this leadership core should take on the brunt of the responsibility associated with managing all logistical aspects of the team. While he admitted that sharing leadership tasks requires a bigger time commitment for more team members, Brandt also said that he did not want to place too much of a burden on any one person in fear of scaring players away with extra responsibilities.

Some teams are seeing benefits from DAPER's lack of involvement in their activities. Flexibility in schedule is one of these advantages. For instance, the wrestling team now only competes on weekends, which has been a goal of Layte's for a while. "We're not pulling kids out



ETHAN A. SOLOMON—THE TECH

The MIT Golf team makes use of the Paul Rudovsky Indoor Training Room for practice.

of classes during the week," he explained.

"One thing that has surprised me is that ... because we've been able to raise all our own money, we have control over it, and we can make more decisions pertaining to what we do, what tournaments we play in, where we go, if we do a spring break trip, that kind of thing," said Swenson.

Vsevolod M. Ivanov '14, a member of the Men's Gymnastics team, believes that flexibility of practice times is a nice plus. Jacob T. Shapiro '11, another a member of the Men's Gymnastics team, also liked the added freedom that came with managing money, mentioning that players could spend "more than five dollars per meal now."

According to Brandt, the Men's Hockey team actually has more scheduled games than it did as a varsity team. On a more personal level, Brandt also enjoys the leadership experience he has gained from helping run the team. "I've probably learned more from running the club hockey team than I have in anything else I've done at MIT," he explained.

"The number of day-to-day challenges with delegating and leading your peers ... has been a huge learning experience for me."

Looking towards the future

Many of the athletes show pessimism regarding whether their respective teams will ever return to varsity status. Reddy doesn't expect to see any of the club sports getting reinstated. Leger, who thinks that the requirements DAPER set for possible reinstatements are "exceedingly high," doesn't see a way of coming back unless MIT re-funds the programs. Watkins said that she would be "really surprised" if her team was brought back.

Brandt is more hopeful than his counterparts. He hopes that as MIT as a whole recovers from the economic downturn, money will return to athletics and some of the sports will be reconsidered.

While Shapiro believes that gymnastics as a sport needs more varsity programs due to its dwindling number of collegiate varsity teams, he acknowledged that it will be "very tough" for MIT gymnastics to get reinstated.

Wrestling attempted to return as a varsity sport last year, but was eventually denied status even after securing a donor to fund the \$1 million endowment. Although the donor stayed committed to the payment even as it increased to \$1.6 million, DAPER ultimately decided that no amount of money was enough to sustain the wrestling team.

"I felt like the administration, they lied. When they cut the programs, they told every student athlete, they told the community when they sent out that e-mail on their webpage, that [the programs] were cut for budgetary reasons. And we had someone that was go-

ing to give us the money, and they changed their tune," said Layte.

"When you look at it historically, our roster numbers were incredibly low," Soriero explained when questioned about the decision. "[Wrestling] really wasn't a program we felt was healthy. To endow a program in perpetuity, which an endowment would do ... if we're going to support a program at that level, it should be a program of excellence. And we weren't there." She was quick to point out that the decision wasn't just about the money.

Reinstating a program would require a "very thoughtful analysis of [their] health and vitality," according to Soriero. She expressed doubt that MIT would want to go back to supporting 41 varsity teams.

Moving On

A year and a half after the cuts, Soriero has come to grips with the criticisms from the MIT community. To her, such outcry is part of making hard decisions — it comes with the territory.

"I know what we had to do and I know why we had to do it, and I have to live with the decision," she said.

"Criticism will come with it, I understand that. And I have to accept it."

As the teams played on, athletes have had time to reflect on the decision and its effect on MIT's image. Most athletes feel that the cuts were much more upsetting to the MIT community than the outside world. "I think that they were done at a time where a number of schools were making cuts ... it was part of a bigger context," said Brandt.

While Shapiro recognizes the context in which cuts were made, he still believes that the public may have held MIT more accountable than students realize. "In general the public holds MIT to a higher standard," he explained. He claims that people he told about the cuts felt that if MIT couldn't find a solution, no one could.

Sugaya believes that most students, including him, have less trust now in how DAPER is run. Alex Jiang '11, pistol team manager, felt that the number of sports MIT had before was refreshing.

"The thing about varsity sports was it wasn't for the sports and to win and do well in competition," she said.

"It's more because we have such a diverse student body and with so many different interests. It was nice that there were so many different sports that were available."

Although distressed initially from the cuts, Swenson has come to grips with the decision. "Looking back on it, it's a decision they had to make," he reflects. "Having 41 teams in a recession and trying to float that kind of budget is a little absurd. So from their point of view, I can completely understand why



ERIC SWENSON

Nicholas C. Swenson '12 reads the green during a 2009 match. Today, the golf team continues as a club sport after losing its varsity status almost two years ago.



ETHAN A. SOLOMON—THE TECH

The MIT Men's Hockey team prepares for a game against Merrimack on Tuesday evening.

Varsity cuts II, from Page 14

Shapiro and Ivanov are ready to move on as well. "We did as much as we could to try to prevent the cut. Given that we've been cut, we're doing the best that we can with what we got, and I think we're doing pretty well," said Shapiro. Ivanov added that "it is what it is" and that the team will slowly work toward getting back varsity status.

For now, some of the eight teams are still adjusting to their new status. Reddy will not consider the transition process to be complete until the team raises enough money to place in a savings account. But, she believes that they are in "a good place to continue." Brandt would also like to raise enough money so that the team wouldn't have to worry about funding on a season-by-season basis.

Laye is not satisfied being a club team. His goal is to increase the numbers of the wrestling team and try to get reinstated as a varsity team again. "We're not done, by any means," he said defiantly.

The pistol team is pretty much fully transitioned, said Jiang, adding that things are almost back to the way they were in varsity. Sugaya even added that the team is shooting better this year than last year. As a club team, the pistol team did well at the 2010 National Championships, placing second in two team events and naming several All-Americans and individual winners. The team was featured in this week's *Boston Globe Magazine*.

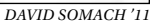
Other teams are seeing comparable success. The Wrestling team won its first national title in 2010, and the Men's Hockey team is currently second in their division. Although the Golf team did not qualify for nationals this year, they

have had the opportunity to host an event at The International Golf Club, which Swenson described as “an extremely prestigious course.”

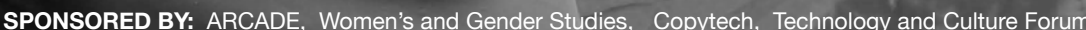
Every team is here to stay, in one form or another. Despite the differences in every situation, every team expressed a desire to

not only continue, but excel. Like getting up after losing a wrestling bout, stumbling down a ski slope, or being checked into the boards,

the athletes are ready to move on to the next match, bout, or competition.



The MIT Alpine Skiing team competed at Cranmore in January 2010. The Ski team was one of the eight sports which lost its varsity status in spring of 2009.

[illegible]

The Red Sox are back

Why the Sox have a great season in store

By Zach Hynes
SPORTS WRITER

Welcome back. For some of you, this has been a four-month hibernation from reading or thinking about professional baseball. I've kept tabs on all of you. In Dallas, you despaired for the plight of Tony Romo, agonized over Wade Phillips, and fell back in love with Jason Garrett. In Alabama, you invested your life savings in a Cam Newton legal defense fund and vowed to take those bureaucrats at the NCAA to the Supreme Court over Newton's eligibility, if it came to that. In Green Bay, you went to your neighborhood Packer shrine and thanked the Cheesehead gods for giving you a general manager with the guts to say "no" to Brett Favre and "yes" to Aaron Rodgers when it came down to it in 2008. In New England, you thought that this year was going to be better than the 18-1 2007 season, until it wasn't.

It's time to wake up and see the light. The entire baseball landscape has changed, and for Boston, the future seems much, much brighter. Red Sox fans can re-characterize every single offseason transaction in terms of its overwhelming benefits to the Red Sox. Don't think so? Let's take a look, in chronological order.

1. The Tigers sign Victor Martinez: This move frees up money for future Red Sox acquisitions. See (2) and (3).
2. Red Sox trade for, agree to long-term deal with 1B Adrian Gonzalez: Red Sox get the best human (non-Pujols) first baseman in the National League
3. Red Sox sign CF Carl Crawford: Red Sox take one of the Rays' top players.
4. Phillies sign P Cliff Lee: Yankees don't get Cliff Lee.
5. Royals trade Zack Greinke to Milwaukee Brewers: Now, the Red Sox can rest the regulars for all three games of a weekend series against the Royals.
6. Yankees sign Rafael Soriano: The Rays lose their closer, and the Yankees' owners are one step closer to losing the disgruntled general manager who brought them Robinson Cano and Phil Hughes, not to mention the dynasty of the 90s.

Now, it's time for spring training. This is the occasion when many New Englanders, like birds in some alternate universe, migrate south for the spring (or just a week, depends on how much school the kids can miss and get away with it) to watch the players practice. The concept of fans attending spring training is confusing to even the best and brightest. Drew Barrymore, in the Red Sox-centric 2004 movie "Fever Pitch", asks if spring training means that fans actually get to practice with the players. No, that's not spring training; that is Red Sox Fantasy Camp, where men past their baseball primes live out their baseball dreams by paying thousands of dollars for a few days of instruction from Red Sox old-timers. While repeated attempts to reach Allen Iverson's Turkish interpreter for comment failed, A.I., the legendary guard for the basketball team Besiktas Cola Turka who also had some stints in the NBA, would have surely frowned upon the notion of spring "practice". As Iverson once said, " ... we're talking about practice, man. How silly is that?"

A family vacation to Fort Myers, Florida, is a great excuse for Red Sox-crazy dads and moms across New England to indulge their Red Sox obsession. The variety of ways you can spend your time at spring training is stunning. Given a full 10-hour day at the park, you could watch batting practice for four hours, fielding practice for three hours, and pitching practice for three hours. Alternatively: batting practice for three hours, fielding practice for four hours, and pitching practice for three hours. I can't remember all the other ways at the time of this writing, but please contact me directly if interested.

In reality, spring training is a time when fans go to watch the players and collectively build up their expectations for the season, and this will never be the case more so than this year at Red Sox spring training. Even from the perspective of unbiased observers, the Red Sox had a superlative offseason, and spring training will be a joyous time for all. Truly, all is well, until Carl Crawford tears his ACL, Jacoby Ellsbury breaks his ribs, and Jonathan Papelbon blows his first save on Opening Day, April 8, against the New York Yankees.

SPORTS SHORTS

MIT Men's and Women's Track and Field take the win in a tri-meet

The men's and women's track and field teams competed in a tri-meet against Williams and Moravian on Saturday. Both teams took first place by a wide margin.

The men won nine of their eighteen events to beat runner-up Williams by 76.5 points. Kyle J. Hanon '11 led the Engineers with two individual wins, in the 1000 meter and 1 mile runs; Patrick K. Marx '13, David H. Way '13, and Paul D. Welle '11 also had individual wins. Kenneth B. Cooper '13 won in shot put, and the team also took first place every relay event.

On the women's side, Portia M. Jones '12 dominated the meet with four individual wins, scoring over a sixth of MIT's total points. She set an Institute record in the 55 meter dash (7.37s), and qualified for NCAA Nationals in the 55 meter hurdles.

Karin E. Fisher '11 also qualified for Nationals in the pole vault with a height of 12-9.50 feet, another MIT record.

Jamie L. Simmons '12 had a win in the 600 meter, and Louise E. van den Heuvel '14 added two wins in distance events.

MIT will compete in two events next weekend, hosting the Coed Invitational and competing at Boston University in the Valentine's Meet.

David Zhu, Sports Editor

Women's Basketball loses in overtime to Wellesley College

The women's basketball team faced Wellesley College on Saturday, losing 59-51 in overtime. The contest was an away game for the Engineers, but was played at Babson College because of a leaking roof at Wellesley's gym.

Wellesley built a 13-6 advantage midway through the opening frame. MIT narrowed the gap to two on three occasions, the last at 18-16, but the Blue entered halftime with a 24-19 lead.

The second half was a back-and-forth battle, with eight ties and seven lead changes. MIT answered Wellesley's 8-0 run with an 11-2 run of their own to establish its largest lead of the night (47-44) with 3:14 to go.

MIT had a two-point lead with 36 seconds to go. Wellesley was unsuccessful on its next possession and was forced to foul with 13 seconds left. On the ensuing in-bounds, Wellesley fouled the Engineers with 11 seconds left. A missed first attempt on the one-and-one was rebounded, leading to the tying layup.

The Blue carried the momentum into overtime, capitalizing on the Engineers losing two key starters to fouls. Wellesley held MIT without a field goal in the extra session, closing with a 9-1 run for the 59-51 victory.

Mindy Brauer, DAPER Staff

UPCOMING HOME EVENTS

Tuesday, February 8

Men's Volleyball vs. Endicott College

7 p.m., Rockwell Cage



Windows Phone

HTC Surround



Samsung Focus

Save 10% off basic monthly service charges*

Now the world revolves around you

Massachusetts Institute of Technology Students get your discount today
Bring your student ID to an AT&T Store today and mention code 2941588 or go to att.com/wireless/MIT
Available at: att.com/storelocator/

*Limited time offer. Subject to Wireless Customer Agreement. Credit approval req'd. Activation fee up to \$36/line. Coverage and services, including mobile broadband, not available everywhere. Geographic, usage and other conditions and restrictions (that may result in service termination) apply. Taxes and other charges apply. Prices and equip. vary by mkt. and may not be avail. from independent retailers. See store or visit att.com for details. Early Termination Fee (ETF): None if cancelled during first 30 days - \$35 restocking fee may apply; after 30 days ETF up to \$150 or \$325 depending on device (details att.com/equipmentETF). Subject to change. Agents may impose add'l fees. Regulatory Cost Recovery Charge up to \$1.25/mo. is charged to help AT&T defray costs of complying with gov't obligations and charges on AT&T; not a tax or gov't required charge. Monthly discount: Available to qualified employees of companies and/or government agencies and qualified students and employees of colleges/universities with a qualified business agreement ("Business Agreement"). Service discount subject to corresponding Business Agreement and may be interrupted and/or discontinued without notice to you. Service discount applies only to the monthly service charge of qualified plans and not to any other charges. A minimum number of employees, minimum monthly service charge for qualified plans, additional AT&T services or other requirements may apply for discount eligibility. Discounts may not be combined. Offer subject to change. If you have a question about available discounts and/or your eligibility, you can contact your company's telecommunications manager. © 2010 AT&T Intellectual Property. All rights reserved. AT&T and the AT&T logo are trademarks of AT&T Intellectual Property.

